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II. A Description of some Shells found on the Molucca Islands ; as also an Account of Mr Sam. Brown, his Fourth Book of East India Plants, with their Names, Vertues, &c. By James Petiver, Apothecary and Fellow of the Royal Society.

The following Shells were brought me from the Molucca Islands, by my Ingenious Friends Mr Sylvanus Landon and Mr Rowleston Jacobs.

1. *Tellina Moluccana* densè fasciata & eleganter undata.
an. Tellina magna lutescens, tenuiter fasciata, undatim depicta *Lift. Hist. Conchyl. Tab. 402. Lib. 3. Fig. 246.*

This Shell is near 3 inches long, and one and $\frac{1}{4}$ wide, white about the edges *within*, and yellowish in the middle ; *without* it's fasciated with capillary striæ, which are wider and deeper near the edges ; cross these are many brown reticulated and undulated streaks, which if viewed with the Hing downwards, appear like the Coralline branches in a polisht Mocha-stone, one of these Valves weighed 3iiiß.

Amongst Mr Stonestreet's Curious Collection of Shells, I very lately saw one of these, which was near half clouded with brown, as Dr Lister's Figure represents it.

2. *Patella alba Orientalis*, profundè sulcato, umbone elevato. *an. Patella* 1. *Aldrov. de Test. 546. Fig. id. Francosf.*

This differs from the *Patella Cypria* major striata *Aldr. Test. 548. Fig. id. Franc.* in being white, more transparent, and its head higher, and the whole Shell nothing near so thick or heavy. Mr Fox and Mr Cuninghame, Sur-

geons, have observed this at the *Cape of Good Hope*.

3. *Concha Veneris Ascensionis* maculata, rimâ crocâ.
 List. H. C. Tab. 683. *Concha Veneris* crassa, dorso nebulato, lateribus raris maculis nigris depictis, ipsa ventris rima subcrocea List. H. Conch. Lib. 4. Sect. 9. Tab. 683. Fig. 30. *Saffron-tooth'd Cowrie*.

This is a thick and heavy Shell, as big as a *Pidgeons* egg ; on the back spotted and speckled, but on the sides spotted only ; its *Teeth* of a *Turmerick* colour, its *Belly* white and peculiarly shap'd, with an edge as if cut : by which and its *Teeth* it's easily distinguisht from all others.

4. *Concha Veneris Ascensionis*, fuscâ maculâ utroque latere. *Concha Veneris* cinerea infinitis albis puncturis exiguis depicta, item ad mediam marginem utrinque latâ maculâ ex fusco nigricante List. H. C. l. 4. S. 9. Tab. 691. Fig. 39. *Side spotted Cowry*.

This is a small *Greyish Cowry*, sprinkled with *pale Specks*, some of which lye in *cloudy spots*. It's remarkable for one large one, in the middle of each side, like a bruise or black *Eye* ; but more especially obvious on the smooth side, the other being furrowed to the exterior edge.

5. *Concha Veneris Moluccensis*, parva, verrucosa, apicibus flavescentibus. an *Concha Veneris* fusca, utroque capite ex fusco flavescente, exiguis vel punctis vel tuberculis exasperata, ventre latè striato List. H. C. l. 4. S. 9. Tab. 708. Fig. 58.

I believe these change their colour from brown to white, but they are easily distinguisht by their yellowish tips and serrated belly : they are scarce so big as a *Luke Olive*, and weigh not above 10 grains.

6. *Veneroides umbilicata*, *Moluccensis* marmorata. an *Concha Veneris umbilicata* major fusca sive variegata List. H. C. L. 4. S. 9. Tab. 713. Fig. 69. an *Cochlea immerso turbine* or *Dipping Snail* Mus. Regal. Societ. p. 128. Tab. 9. whose *Figure* and *Magnitude* it very much resembles ; except that in the back it's only pounc't between the capilla-

ry veins, whereas this is marbled like the inside of a Nutmeg : this weighs somewhat more than Ɖiiij.

7. *Cylindraceus Moluccensis*, luteis maculis, intus purpurascens. *an* Rhombus ex fusco maculatus, labro ex viola purpurascente *List. H. C. l. 4. S. 10. Tab. 719. Fig. 3.* 7.
List. H. C. Tab. 719.

I have 4 of these near of a bigness, *viz.* an inch and $\frac{1}{2}$ long, and 2 $\frac{1}{2}$ about, are white with yellow spots, and in some seem to be mixt with blue specks. These weigh between 2 and 3 *drams*.

8. *Cylindroides Moluccanus* major, agris & lineis ex albo aureoque eleganter interpositis. *an* Cochlea Cylindroides altera *Aldr. Test. edit. Francof. p. 135. cap. 38. Tab. 9. p. 133. id. ed. Bon. p. 399. Fig.* which *Figure* in this *Bononia Edition* very exactly resembles this Shell, as well in its reticulations as in its shape and bigness. *an* Cochlea Cylindroides alter *Jonst. Aquat. p. 39. Tab. 12. Fig.* but the *Icon* here has lost its netted veins. *an* Rhombus cylindro pyramidali ex rufo vermiculatus sive maculis inaequalibus reticulatus. *List. H. C. l. 4. S. 10. Tab. 790. Fig. 43.* *Aldrovands* Cloath of Gold. 8.
Aldr. Test. Francof. 135. Aldr. Test. Bon. 399. Jonst. aq. Tab. xii.

This differs from that of *Rondeletius de Test. p. 99.* (as *Aldrovandus* well observes) his being no bigger than ones thumb, and flatter at the base, and not so thick as this.

9. *Cylindroides Moluccanus* levis, ex rufo alboque Mar-moratus. *an* Bonan. 157. *Fig. 319.* *Light* Molucca Cloath. 9.
Bon. 157. Fig. 319.

This is marbled with Chestnut and White Clouds and Reticulations, without either *striæ* or *fasciæ*, is 3 inches long, and about one and $\frac{1}{2}$ thick, yet weighs but Ɖb.

10. *Cylindroides Moluccanus* crassus, carneus, fasciis capillaceis fuscis, densè circumcinctus. *Heavy* Molucca Cloath. 10.

This is flesh coloured, very thick beset with brown hairy *fasciæ*, from the middle of its belly rises one spiral girdle, tending upwards $\frac{1}{4}$ inch broad, this is of the same magnitude with the last, but weighs Ɖi. Ɔv. & Ɖi. which is Ɖi Ɖi & Ɖi heavier.

- 11.** Rhombus *Madraspat.* albus, parvus, maculis, quadrangularibus nigricantibus fasciatis *Aët. Phil. No. 271. p. 271. p. 859. 5.* *an* *List. H. C. l. 4. S. 10. Tab. 779. Fig. 25; an Bon. 27. Fig. 122. Black Diamond Stamper.*
- 12.** Pyramidalis *Moluccensis* ex rufo alboq; mixtus. *an* *List. H. C. Tab. 780.* Rhombus subluteus cylindro pyramidalis, lineis quibusdam punctatis & fascijs undatis depictus *List. H. C. l. 4. S. x. Tab. 780. Fig. 27.* It's an inch broad at the base, and $1\frac{1}{4}$ long, weighs $\text{ᾶvi.} \& \text{ᾶi.}$
- 13.** Olivaris *Moluccensis* dentatus nigrescens, undis albis. *an* *List. H. C. l. 4. S. 11. Tab. 827. Fig. ult.* About the bigness of a Horse-bean, with a serrated purple mouth; weighs just gr x. or ᾶḡ
- 14.** Unicornu *Moluccanum*, eburneum, grave, lituris nigris fasciatis. *Buccinum* dentatum grande bifasciatum *List. H. C. l. 4. S. 11. Tab. 846. Fig. 74.* *Buccinum* Persicum eburneum Maculosum alterum nitidum *μακροπτερον* *Col. Obs. Aq. 56. c. 24. Fig. opt. p. 53. Turbo Bonan. 317. Fig. p. 157. Columnas, Ivory Telescope.*
- The upper twirls are large and smooth, in each of which are 2 rows of black spots, the upper small, the lower twirls seem divided betwixt these 2 rows. The whole Shell is very thick and heavy.
- 15.** *Unicornulus* recurvirostrus *Moluccens.* verrucosus. *an* *List. H. C. l. 4. S. 15. Tab. 1024. Fig. 90.*
- Near 1 inch long and above $\frac{1}{4}$ broad at top, its lower twirls are alternately wadded, it's wholly covered with Warts, but the largest are round each upper *Fascia* : Weighs above ᾶḡ .
- 16.** *Buccinulum* *Moluccense* oblongum, costis per longitudinem fulcis capillaceis cinctis.
- This is ridged from head to point, its upper twirl, which is above $\frac{1}{2}$ the Shell, has 2 whitish girths with hairy furrows, its right lip has 3 twisted ribs ; is $\frac{1}{2}$ inch broad and 1 long : Weighs near ᾶii.

17. *Buccinulum* bilingue *Moluccense* sessile, castaneum fasciis albis. an *Buccinum* bilingue læve, tenue fasciatum, leviter compressum, ore purpurascens *Lift. H. C. l. 4. S. 12. Tab. 847. Fig. 1.* It's back Chestnut with 6 White girths, the right lip black and smooth, the left brown, striated beyond the edge, which is smooth and white, on this side are 2 sinuses, or notches at top, and one below.

18. *Buccinum* bilingue *Moluccense* nodosum.

This is very like the next, but somewhat broader and flatter, and is chiefly distinguished in having 3 prominences towards the point of the Shell, and has no circles on the back, as the other hath.

19. *Buccinum* bilingue *Moluccense* nodosum & fasciatum digito productiore. *Buccinum* bilingue ex rufo variegatum, ore interno subcroceo profundè striatum, muricatum *Lift. H. C. l. 4. S. 12. Tab. 871. Fig. 26.*

These are generally about the bigness of a *Hens Egg*, are girdled over the back, and knobbed, especially the middle circle; the inside is tinged with a Saffron colour; it's double tongued, and particularly distinguished by a finger-like point below.

20. *Aporrhais Orientalis* heptadactylon. *Aristotle's* *Aporrhais*.

Aporrhais Rondelet. *aquatil.* 79. *Fig. id. Gallic. 51. c. 6.* *Rond. aq. 79. id. Gall. c. 6. Aldr. Test. Bon. 343. Aldr. Test. Franc. Tab. 6. Fig. 18. x 19. Bon. 157. Fig. 12. Lift. H. C. Tab. 866 and 867.*

Aporrhais Aristoteles Aldrov. *Test.* 342. *descript. Fig. interna & ext. 343. & 4. id. Francof. 118. desc. Stachel Scknec Tab. 6. Fig. 18 & 19. p. 117.* These *Figures* and *Description* agree very well with this Shell. *Johnston* in his *Histor. Natural. Exang. Aquat. Amst. Tab. xi.* has transposed this, and figured it under the Title of *Murex Coracoides*, and the *Aporrhais* under it. *Bonan. 157. Fig. 12 & 13.*

Buccinum bilingue maximum, leve, ore purpurascens, labro multi digitato *Lift. H. C. l. 4. S. 12. Tab. 866. Fig. 21. & Tab. 867. Fig. 22.* which last *Figure* exactly resembles the belly of this Shell, whose inside has a Phyllamort cast, and

and in some streakt with white, it's marked on the back with Chesnut clouds, and is distinguisht from all others, in having 7 extended spikes, viz. one at each end, and 5 along the side.

Mr *Edward Bulkley* sent me some time since a very fair one of this kind from *Fort St George*.

21. *Murex Moluccensis* Castaneus, lineis Capillaceis interne & externe ornatus. *Murex* duplici fasciola in spiram con-
 Bon. 153. Fig. 287. Lift. H.C. 1. 4. S. 14. Tab. 931. *Buccinum* rostratum duplicibus lineolis subfuscis circumdata-
 287. Lift. H.C. 1. 4. S. 14. Tab. 931. *Buccinum* rostratum duplicibus lineolis subfuscis circumdata-
 Tab. 931. *Buccinum* rostratum duplicibus lineolis subfuscis circumdata-
 Fig. 26.

Outside. It's *outside* brown, girdled with double lines $\frac{1}{8}$ of an inch
 asunder, these pairs stand but very little closer then the
 spaces between; the middle of each twirl is knobbed,
 particularly the 4 uppermost; its *inside* is thick set with
 Inside. brown capillary lines at equal distances, having about 8
 in $\frac{1}{2}$ an inch, these are carried out of sight; by its double
 Character. lines and knobs without, and streaks within, it's easily di-
 stinguisht from all others of this kind.

22. *Buccinum Neritodes Benghalense* perelegans Marmo-
 List. H. C. Tab. reum. *Buccinum* brevisrostrum, labrosum, costis latis pli-
 992. Bon. 135. catilibus & acutis distinctum List. H. C. 1. 4. S. 15. Tab. 992.
 Fig. 185. Col. Fig. 55. Bonan. 135. Fig. 185. Concha *Neritodes* altera
 49. p. 69. Fig. minor variegata Col. Obs. aq. c. 36. p. 70. desc. Fig. 69.
 Fair-wing.

This is a very beautiful Shell, and may be easier known by the aforesaid Authors Figures of it, than can be described by words.

23. *Buccinulum Moluccense* labrosum dorso gibboso an
 List. H. C. *Buccinum* brevi rostrum columella callosa, undatis striis le-
 Tab. 971. viter distinctum e rufo fasciatum List. H. C. 1. 4. S. 15. Tab.
 971. Fig. 26. The *Molucca* Hunchekin.

Weight. These weigh commonly about 10 grains, yet I have one heavier than a scruple.

24. Bursa Moluccana labro spinoso.

24.

Turbo auritus cum labris duplici dentium ordine munitis Bon. 130. Fig. 152. List. H. C. 1. 4. S. 15. Tab. 1015.
Bonan. 130. Fig. 152. *Buccinum recurvirostrum* tenue, ventre strictiore undatum *List.* H. C. 1. 4. S. 15. Tab. 1015. Fig. 73.

Bonani his Figure and Dr *Lister's*, pretty well resemble this Shell; and what is peculiar in it, are its *serræ* or spines in the upper part of the left lip; which the *Icon* takes notice of, and in our Shell are four.

Mr Samuel Brown his 4th Book of East-India Plants.

Gathered from the first to the fourth of April, 1696. at *Perre-pollum* and *Eremita-pollum*, 12 or 14 miles from Fort St George. Ground sandy. Clay reddish. Pretty Plain.

138. Maula poo Malab.

138.

L Otodendron *Madraspat.* folio longiore pubescente Mus. *Musf. Petiv.* 656.
Petiver. 656. an *Mallam-Toddali Malab.* Chori-bori *H. Mal. v. 4.*
Brach. Tarilla d' agoa *Lusit.* Narren-pluymen *Belg. Hort.* Tab. 40. p. 83.
Malab. Vol. 4. Tab. 40. p. 83, an *Baccifera Indica* racemo- *Ray H. Pl.*
 fa, florum staminulis binis acinis monopyrenis, fructu umbilicato *Ray Hist. Plant.* 1597. cap. 28. an *Dudhali Zan.* 25.
non. 25.

The *Leaves* and *Flowers* are hoary, and agree with the *Figure* in the *Hort. Malab.* Its *Fruit* (stands in its *Flower-bush*) somewhat bigger than a *Pea*, rough and hairy, depressed at the top, with a small point in the center; it has a tendency to 4 *fulcæ* or furrows, each containing one *Kernel*.

Grows 3 or 4 foot *high*. The *Natives* who have pains in the head and in all their bones, *fume* with the *Powder* of this *whole Plant*, put on live Coals and pretty well covered, which produces plentiful Sweats, and does much good. S. B.

139.

139. Arbor *Eremitana* Lauro-Cerasi folio.
Sumtra-poonce *Malab.*

The Leaves are thick and very like our Laurel, but some rounder, they grow on short footstalks, which are ribb'd as the twigs, at the setting on of these Leaves come forth small clusters of little Flowers, with scarce any footstalks, which are followed by a fruit I have not yet examined because unripe, yet some of them are bigger than a Cherry, adhering to a foliaceous calyx like the seed of our Elm, but much less.

Grows 6 or 8 foot *high*, thick as ones wrist. A Decoction of the Leaves are Carminative and expel Wind. S. B.

140.

140. Rette pe marette *Malab.*

Perexil Gangetic. *Oleasri* folio, spica *Panicea*.

Pluk. Tab. 10.
Fig. 1.

Breyn. pr. 2 p.

Amaranthus albus Gangeticus *Salvia angustis folijs*, paniculâ conglomerata Pluk. Tab. 10. Fig. 1. an *Amaranthus Alopecuroides Indicus frutescens*, lanuginosus, folijs *Salvia angustioribus* & longioribus Breyn. Prod. 2.

These Leaves resemble the *Wild Olive*, the Spike white and soft, otherwise very like the *Gramen Paniceum spica divisa* 1. C. B. 8. Dr *Sherard*, that accurate Botanist, assures me, this is not the *Salvia Amaranthoides* M. Nutt Fascic. Herb. 60. as Dr *Pluknet* supposes.

Is about 3 foot *high*; the Natives put this in a Cloath between two unglazed Pots to boyl: So that the fume of the Water in the undermost may moisten the Herb, which they press out, and give 2 spoonfuls of it warm for Cough and *Astma*. S. B.

141. Cammal-Maraum. *Malab.*

141.

Arbor Eremitana, Ponne minore crassioreque folio.

The *Leaves* are thick and stiff, the middle rib is furrowed on the upper side, and much raised on the under, ends blunt, and is often cleft; these stand on very short footstalks, are thick set, and grow inordinately; from the bottom of these *Leaves* grow clusters of small hexapetalous *Flowers* like those of *Laurustinus*, each standing on a $\frac{1}{2}$ inch footstalk, which seems rather the pipe of the Flower.

Is about 28 foot *high*, and above a foot *diameter*; the *Root* and *Bark* in powder given to those who are hoarse with great *Colds* is a good Medicine. S. B.

142. Nella watta chedde *Malab.*

142.

Vomica Nux Eremitana, folio angustiore, fructu minore globofo. an Scheru Kata valli Carinam *Malab.* Davo Caro *Bram* wild Klimmond Kraagnoog *Belg.* Hort. *Malab.* Vol. 7. Tab. 5. p. 9. an *Solanum arborens* Indicum foliis Napææ minoribus, fructu rotundo duro & semine orbiculari compresso minoribus *Breyn.* pr. 2.

H. Malab. v. 7.
T. 5. p. 9.

Breyn. pr. 2.
p. 93. 2.
H. Mal. 250. 1.

The *Leaves* of this differ from S. B. 28. in being smaller, narrower and sharp-pointed, the Fruit rounder and much less, not exceeding a Hazel-nut.

Is about 7 or 8 foot *high*, and as thick as ones wrist, the Powder or Decoction of the *Root*, *Bark* and *Leaves* cures *Hæticks* and other *Feavers*, also *Consumption*, *Cough* and *Astma*. S. B.

143. Alle-poo *Malab.*

143.

Nymphea Eremitana minor.

an Cit. ambel. *Malab.* Casturi Camalla *Bram.* H. Mal. V. xi. Tab. 27. p. 53. an *Nymphea Malabarica* minor folio serrato *Comel.* in H. *Malab.* p. 53.

H. Mal. xi.
Tab. 27. p. 53.

This is very like our *White Water-Lilly* of the *Shops*, but less both in Leaf and Flower. I wonder how Dr *Plukenet* could be so egregiously mistaken as to refer this to the *Nedel Ambel* of the *Hort. Malab.* V. xi. Tab. 28. p. 55. it being vastly different, and he knowing it to be another Plant.

H. Mal. V. xi.
Tab. 28. p. 55.

K k k k k k

The

The Natives here give the Root and Flower for the running of the Reins and to correct Choler, and they say 'tis cooling and refreshing. S. B.

144. Cooltee yella Malab.

144.

H. Mal. V. xi.

Tab. 45. p. 93.

Pluk. Tab. 220.

Fig. 7.

Alm. Bot. 326.

8.

Sagittaria Malabarica major folio obtuso pubescente.

Sagitta Indica major folio obtuso, floribus minoribus albicantibus *Comel* in H. Malab. p. 94. Culi Tamara Malab. Hort. Mal. V. xi. Tab. 45. p. 93. Sagittaria foliis planta, glomerato fructu monoppyrene, *Coriandri* tere figura *Pluk.* Tab. 220. Fig. 7. *Alm.* Bot. 326. 8. *Ad Phil.* No 244 p. 331. Fig. 39.

Grows in the Water; this cures the Itch or Scab, by applying the Leaves ground to pulp, and washing with a Decoction of the same. There are many species of this, I have taken notice of about 10 sorts, but they are very hard to preserve, so that I cannot send them now. S. B.

* 144. Caut Wallee Malab.

* 144.

Mus. Petiv.

697.

H. Mal. V. 6:

Tab. 5. p. 9.

Ray H. Pl.

1766. c. 13.

Waga Madraspatana Senæ foliis filiqua lata compressa, ubi feminibus inflata *Mus. Petiver.* 697. an Waga Malab. Sigi *Bram.* Favas do Lagaro *Lusit.* Melfshauwen *Belg.* Hort. Malab. Vol. 6. Tab. 5. p. 9. an *Acacia Malab.* altera spinis carens *Comel.* in H. Mal. v. 6. p. 9. an *Arbor. Indica* filiquosa, flore tetrapetato stellato, filiquis bipalmaribus planis *Ray H. Pl.* 1766. c. 13.

Grows 30 or 35 foot high, and a foot and $\frac{1}{2}$ thick: A Decoction of the Bark cures the Tooth-ach by washing the Mouth with it: the Kernels ground with Lime-juice and put in the Eye, cures pains in the Head, Lethargy, &c. S. B.

S. B. 1442.

145.

Pl. Jain. 202.

Hern. 99.

Zan. 18 and

27.

Laet. I. 17.

cap. 28.

H. Mal. V. I.

Tab. 15. p. 23.

Bont. 96. Fig.

Pif. ed. 2. p.

159. Fig.

Marc. 103. Fig.

Grem. 1609.

Park. 1632.

Ludg. 1842.

Park. 1649.

IB. V. I. 147.

prodr. 4.

145. Poppoi-chedde Malab. Papaia foemina.

Papaya major, flore & fructu majoribus, pediculis curtis infidentibus *Plant. Jam.* 202. Papaya *Hernand.* 99. Papaia *Zan.* 18 & 27. Laet. I. 17. c. 23. Papaja-maram *Malab.* Papaja *Bram. H. Malab.* Vol. 1. Tab. 15. p. 28. Arbor Melonifera *Bontii* 96. Fig. Pino Guacu foemina *Pif.* ed. 2. 159. Fig. Mamoera foemina *Marcgr.* 103. Fig. Mamoera foemina *Ger. emac.* 1609. Park. 16. 49. Fig. Ficus Nigritarum *Park.* 1632. marg. *Ludg.* 1482. Fig. Arbor Cucurbitifera, Ficus Nigritarum *IB. V. I.* p. 111. Fig. id. prodr. 3. c. 44. *Chabr.* 6. Fig. 3. Papaie Peruvianis *IB. V. I.* p. 147. id. prodr. 4. cap. 69. *Raij H. Pl.* 1370. 2.

Arbor *Platani* folio, fructu *Peponis* magnitudine eduli *CB.* 431. Arbor fructu *Melonis* forma, pugni magnitudine *CB.* 434. 12. Ficum specie fructus *Peruanus* *CB.* 457. 4. Ficus similis arbor fructu oblongo *CB.* 457. 5. Papaya fructu *Melopeponis* effigie *Plum. Inft. Rei Herb.* 659. The Female Papaw.

Dr *Sherard* gave me this day, viz. *Novemb. 5. 1701.* a very *1 B. V. 1. 111.*
 well preserved *Flower* of this Tree, which he gathered this Sum-*id. pr. 3.*
 mer in her *Grace* the *Dutchess* of *Beaufort's* Gardens at *Badmin-* Ray *H. Pl.*
ton. In colour, shape and magnitude it exactly resembles *Pole-* 1370. 2.
monium *Monspeliense*, or yellow *Jasmin*, and is very well ex- C. B. 431. 434
 preffed in the 15th Table of the *Hort. Malab.* on the right hand, to- 12. 457. 5
 wards the bottom of the *Plate.* Jacq. R. H. 659

146. Tande maraum Malab.

146.

Mandsjadi Malab. *Glycyrrhiza* folio sem. coccineis.

Arbor filiquosa *Indica* flore spicato pentapetalo, filiquis longis
 nodosis, fabis coccineis Ray H. Pl. 1752. cap 16. *Crista Pavonis*
Glycyrrhiza folio maxima *Indica*, flore subluteo minimo spicato,
 filiquis angustis longissimis, ubi semina occultantur protuberanti-
 bus, sem. orbiculato compresso sanguineo *Breyn.* Pr. 2. 38. *Phase-*
olus alatus arboreus *Indica* fructu coccineo *H. Lugd. Bat.* 495. *Pha-*
seolus alatus arbor *Indica* fructu coccineo fere orbiculari medio
 utrinque tumido *Alm. Bot.* 294.

Mandsjadi Malab. *Gunfii* & *Gonfii* *Bram.* *Mangelins* *Lusit.*
Manjelyns vel *Weegbonen* Belg. H. Malab. Vol. 6. Tab. 14. p. 25.
Mandhathya seu *Mara Musf. Zeylan. H. Lugd. Bat.* 495. *Mangili*
Cingalens : *Alm. Bot.* 295. The *Scarlet Abrus.*

Grows about 30 foot high, and 10 or 12 inches diameter; the
 Natives put the Leaves into hot Oyl to make them plyable, and
 lay them to Rheumatick pains and *Pleurisies.* S. B.

147. Neer caddumba Malab.

147.

Samstravadi Malab. *Hippocastanei* foliis vix ferratis.

Jambos sylvestris *Samstravadi* dictus major Ray H. Pl. 1480. 4.
Tfieria *Samstravadi* Malab. Gove sada pali *Bram.* *Rofairo* brava
Lusit. *Beedelfnoeren* Belg. Hort. Malab. V. 4. Tab. 6. p. 15. Flor.
Malab. 141. 8.

Dr *Plukenet* hath given us this 3 times over, viz. First, under
 the Name of *Arbor Orientalis digitatis* *Samouna foliis serratis,* *Alm. Bot.* 47.
 floribus stamineis in spicam pendulis, fructu oblongo quadrilatero 5. & 266. 6.
 coronato *Almag. Botan.* 47. 5. Secondly, under a longer title, *Mantifs. A. B.*
 viz. *Nucipomifera Arbor Orientalis Castaneæ equinæ foliis fructu,* 137. 2.
longo, corticose, crasso, tetragono, summo apice (Pomis in modum)
umbilicato, nucleum nudum angulosum includente *Alm. Botan.* 266.
 6. Since which, in his correct *Mantissa*, he gives it you again as
 altogether new, under this title, *Nucipomifera arbor foliis densi-*
oribus subtus argenteis, floribus in prelongam spicam dispositis
fructu tetragono. *Mantiss. Alm. Bot.* 137. 2.

K k k k k k 2

Grows

Grows 6 or 8 foot *high*, *thick* as ones wrist. A Decoction of the Plant drank cures the running of the Reins and making much Urine. S. B.

148.

Ray. H. Pl.

1658. 3.

Flor. Malab. p.

168. 2.

Limo Eremitana fere hexaphylla, caule alato.

an Malus Limonia Indica fructu pufillo Ray H. Pl. 1658. 3. an Tsjerou-Katou-Naregam Malab. Citt-rana-nimba Brach. Limoins da folha Cruzado Lusit. Claver-appelkens Belg. Hort. Malab. V. 4. Tab. 14. p. 31. Flor. Malab. 168. 2.

Grows between 30 and 40 foot *high*, and about a foot and $\frac{1}{2}$ *diameter*.: A Decoction of the Root and Bark is cooling, good in Cholerick distempers, it also cures the running of the Reins. The Fruit, when ripe, is as *big* as a large Apple, and full of fowrish Winey pulp (which is good in Fluxes) with white soft seeds as big as a great pins head. This Fruit, in shape, colour and bigness resembles the Cydonia Indica, which tastes like Gum Arabick: Two handfuls of the Leaves boyld in water to about 4 ounces, will give 6 or 7 stools, and not gripe in the least. These Leaves soon spoyl, otherwise they would (being aromattick) much exceed Senna. S. B.

149.

Pluk. Tab.

245. p. 2.

Pluk. Tab.

245. f. 3.

Plant. Jam.

97. 8.

Ray H. Pl.

1765. c. 10.

H. Mal. V. 6.

Tab. 30. p. 55.

Flor. Mal. p.

124. 3.

149. Coodee-wengee Malab.

Helicteres Indiae utriusque Coryli folio.

Helicteres arbor Indiae Orientalis filiqua varicosa & funiculi in modum contortuplicata Pluk. Tab. 245. Fig. 2. an Helicteres arbor Indiae Occidentalis fructu majore, Jamaicensibus nostratibus Button-wood dicta Pluk. Tab. 245. l. 3. Abutilo affinis, arbor, Althea folio cujus fructus est styli apex auctus, 4 vel 5 filiquis hirsutis, funis ad instar in spiram convolutis constans Plant. Jam. 97. 8. Frutex Indicus fructu a styli apice egresso, sextuplici funiculo in spiram convolutis constante Ray H. Pl. 1765. cap. x. Ifora murri Malab. Tannini Brach. Pao de chanco Lusit. Schroefboonen Belg. H. Mal. Vol. 6. Tab. 30. p. 55. Flor. Malab. p. 124. 3. an Igera-murri Zan. 26.

Is 6 or 8 foot *high*, and *thick* as ones arm: A Decoction of the Leaves, Flowers, and Fruit cures Hectic and all continual Fevers: And a Drink of the Root and Bark is good for Coughs and Consumptions. S. B.

150.

Par. Bat. 29.

H. Mal. V. 2.

Tab. 31. p. 56.

Flor. Mal. p.

124. 4.

150. Erca-chedde Malab.

Apocynum Malabar. latifol. incanum flore albo. Apocynum erectum incanum latifol. Malabaricum floribus omnino albis Par. Bat. 29. Bel Ericu Malab. Davi Roey Belg. Hort. Malab. Vol. 2. Tab. 31. p. 56. Flor. Malab. p. 20. 4. Apo-

Apocynum Malab. incanum latifol. flore rubente. *Apocynum erectum* incanum latifol. Malabar. floribus ex albo suave purpurascens Par. Bat. 28. *Apocynum latifol. Ægyptiacum* incanum erectum floribus magnis pallide violaceis P. B. pr. Waraghaha Zeyl. Ericu Malab. Roey Bram. Hort. Malab. Vol. 2. Tab. 31. p. 53. Flor. Malab. p. 18. 8. an *Apocynum erectum* majus latifolium *Indicum* flore concavo amplo carneo suave purpurascens Breyn. Pr. 2. 14.

It is about 4 foot high, and generally consists of small branches, this is *white*, but here is another species of the same name which is more *reddish*, differing in nothing else; they both when broken yield a *Milk*, which dry is hot as *Euphorbium*, and like it in colour. The *Bark* of its *Root* chewed and held to the aking Tooth cures it. The *Leaf* and *Flowers* made into a Poultice, and put to Cods swelled (by stopping a *Gonorrhœa* too soon) takes it away, as also the pain, tho never so violent. The *Leaves* spread on a Cloath, and hot Sand powred on them, and the Cloath tyed, so that the heat of the Sand may penetrate the Leaves, and applied to any cold pain, renewing them as they cool, eases pains to a Miracle: the same also eases the *Gout*, as I have tryed. S. B.

151. Ponelle-chedde Malab.

Acacia Benghalensis Bonduch folio filiquis dorso nervosis. Mus. Mus. Paris 601, Petiv. 601.

This is a very beautiful *Climber*, extending very far, and thick in branches. A Decoction of the whole Plant cures all sorts of Intermittent Fevers: The *Leaves* and *Branches* boyl'd in Water-Grewel or Broath cleanses the blood in the said Fevers of the Morbifick humour, and creates an *Appetite*. S. B.

152. Pauck-maraum Malab.

Areca seu Fausel Indiæ Orientalis. *Palma* cujus fructus sessilis *Fausel* CB. 510. xi. *Palma* Arecifera nucleo vericolori Nuci Moschata simili P. B. pr. 361. Nux Fausel seu Pinang Malais Bont. 90. Fig. Ray H. Pl. 1363. 18. Dale Ph. 386. 2. *Areca* vel *Fausel* five *Avellana* Indiana vericolor Park. 1643. Fig. Caunga Malab. Madi Bram. Hort. Malab. V. 1. Tab. 5, 6, 7, 8. p. 9. The *Fausel*, by some *Betle nut*, because used with that Leaf, and *Drunken Nut-megg*, from its intoxicating quality in such as are not accustomed to it.

• Rises 30, sometimes 40 foot high, generally 6 or 7 inches diameter: It seems to be jointed almost like a *Fishing-Cane*, which Joints are generally about 4 inches distant. The *Leaves* grow on-

Iy at the top; the *Fruit* on a Branch which grows out of the Tree, near the top: The *Natives* here do not use the Tree nor Leaves in Physick, but they make a very pleasant Purge or Laxative Medicine, by boyling the *Root*, *Fruit* and *Flower* in Water, giving 3 or 4 ounces of it to an ordinary man, it purges Choler and expels Wind: *Garcias* says the distilled Water of the *Fruit* was his *Panacea* in Cholerick Fluxes, but here 'tis of no use against them. S. B.

153. Vailumbath Malab.

152. *Hippuris aquatica Orientalis* polyspermos.

This is a Water Plant, the Stalk is big as a Straw, and rises 3 or 4 foot high: but is not used by the *Natives* for Physick. S. B.

154. Cariwaopullee Malab.

153. *Æleagnus Eremitana Vacciniae nigrae* fol. perforato.

It is about 4 or 5 foot high, all in branches, about a finger, and sometimes 2 fingers thick; 'tis good to correct Choler, and stop Vomiting and Looseness, by taking a Cup night and morning of the Decoction of its *Leaves* and *Tendrils*; the *Natives* use it very much in their *Carries*, (Sawces or Pickles.) The *Berries* are something warm and aromattick, so are the *Leaves*. S. B.

155. Calapeecalunga Malab.

155. *Methonica Malabarorum*. Niengala *Zeylonensium*. *Lilium Zeylanicum* superbum vulgo H. Lugd. Bat. 689. Fig. Pluk. Tab. 116. Fig. 3. *Lilium Zeylanicum* superbum, rad. tuberosa florum petalis coccineis fimbriatim reflexis Hort. Esian. Mendoni Malab. Artii Bram. Raiz d'empose Lusit. Croes-steen Belg. H. Malab. V. 7. Tab. 57. p. 107. *Lilium Zeylanicum* superbum Hort. Amst. V. 1. p. 69. Fig. 35. This grows in dry ground about 2 or 3 foot high, the *Root* is about a finger thick and a span long, is a rank Poyson inwardly taken, as the *Natives* say; but they grind it in water, and put it on pained or swelled Joynts. S. B.

156. Malle-cungee Malab.

156. *Panel Eremitana Lauri folio venoso*. an *Tfierou Panel seu Baala paleti* Malab. Apacaro Bram. Clyn Heylwortel Belg. H. Malab. V. 5. Tab. 16. p. 31. Flor. Malab. p. 122. I. Frutex *Indicus* baccifer hexapetalos fructu rotundo Monopyreno nigro Ray H. Pl. 1594. cap. 19. I. This is a species of *Cadal-Cungee* S. B. 97. is about 4 or 5 foot high; it stops the too great flux of *Urine*, cures *Diabetes* and *Gonorrhœa*. This is not so effectual as N. 97. S. B.

157. Poula-mullee *Malab.*

157.

Manja-pu Malabarica flore odoratissimo fugaci.

Dr *Plukenet* very erroneously ranks this Tree amongst the *Sun Pluk.* *Flowers*, calling it *Chrysanthemum Orellanæ* foliis impenſe ſcabris, *Maderaspatanum*, florum petalis quinis, tetragonis ex calyce amplo viridi fiſtuloſis *Pluk.* Tab. 83. Fig. *H. Ox.* Sect. 6. p. 24. 78. deſc. if Dr *Plukenet* has the *Arbor triſtis Myrto ſimilis* CB. 496. as he pretends, (as alſo to give a Cut of it in his 262 Table, Fig. 3. which we cannot there find) he would oblige the world to let us know wherein it differs from his *Chrysanthemum* above; which I take to be the *Manja pu maram* Hort. Malab. V. 1. Tab. 21. p. 35. *Paritacu* Bram. Ray H. Pl. 1698. cap. x.

Grows 6 or 8 foot high, thick as ones arm; the *Bark* and *Root* cures *Conſumptions*, *Cough* and *Aſhma*, by drinking the *Decoction*: The *Flower* is very odorous, but hard to get, falling off the Tree at day-break and ſoon ſhrivels and diſſolves. This, I think, is the *Arbor Triſtis*. The *Flower* is very cordial and fragrant. *S. B.* 90. There are 2 others which may be refer'd to this, viz. *S. B.* 125. and *S. B.* 125. both theſe fall off the Tree in the morning, the laſt is very ſweet, the other is ſmaller and not ſo ſweet. *S. B.* 157

158. Yellenda-maraum *Malab.*

158.

Jujuba Madraſpat. ſpinofa, foliis ſubtus ferrugineis.

an Jujuba Indica CB. 446. 4. *an Malus Maluccenſis* nonnihil ſpinofa CB. 433. 1. *an Pruno ſimilis*, foliis *Laccam* terens CB. 444. *C. B.* 446. 4. 12. *an Jujuba Indica* rotundifolia ſpinofa, foliis majoribus ſubtus lanuginofis & incanis *Breyn.* pr. 2. 60. *an Perin Toddali* *Malab.* Bori Bram. Tarilla *Lufit.* Doorn-Kertſen Belg. H. Mal. V. 4. *F.* 41. p. 85. 4. Tab. 41. p. 85. *Flor.* Mal. p. 149. 2. Ray H. Pl. 1535. 5. *Flor.* Mal. p. 149. 2.

This is the Tree on which it's ſuppoſed the *Ants* work the *Lack*. Grows 28 or 30 foot high, and 8 or 10 inches diameter: This is the true *Mafanas*, the other *S. B.* 64. is the wild *Ber* and *S. B.* 64. *Bor Acoſta* Park. 1636. cap. 102. A *Decoction* of the *Root*, *Bark* and *Leaves* cures the *Gripes* and all *Fluxes*; the *Fruit* alſo (which is bigger than *SB.* 64.) is binding. *S. B.* 158.

159. Collar-yellendee *Malab.*

159.

Jujuba Eremitana ſpinofa, folio maximo rigido.

an Frutex Biſnagaricus ſpinofus, *Coryli* foliis denſis, ſpinis brevioribus craſſis *Pluk.* Tab. 29. 7.

This is a ſpecies of *Mafanas* or *Ber*, but is the leaſt fort, being a low ſhrub; all the 3 forts have prickles; the *Leaves* of this ſtop *Urine*, is good alſo for the ſame as *S. B.* 64 & *S. B.* 158 are. The *Natives* eat this with beaten *Rice*. *S. B.* 160. Code

160.

Mus. Petiv. 631. *Coccifera Madraspat.* Capparidis facie spinosa, fructu umbellæ modò nascente *Mus. Petiv.* 631.

S. B. 160.

This *Climer* is a species of *Mosca taree* S. B. 16. A Decoction of this cures Infants of *Scald heads* and *Scabby Itch*: which the *Natives* call *Carpaun*: but those of 3 or 4 years old must bruise and apply it *outwardly*, S. B.

161.

161. Pecalah *Malab.*

These seem 2 Plants, but both are good for the same use, and are both *Climers*; the *Decoction* or *Powder* of either of these cures *Pox*, *Buboes*, *Itch*, *Scabs*, &c. taken daily for 15 or 20 days: It is a little *laxative*. S. B.

The first we shall thus distinguish, viz.

S. B. 161. 1.

Ray H. Pl.

1602. 10.

El. Bot. 470.

Inst. R. H.

598. 1.

H. Mal. V. 6.

p. 93. F. 53.

Fl. Mal. p.

144. 3.

S. B. 161. 2.

Ray H. Pl.

1602. xi.

El. Bot. 471.

Inst. R. H.

598. 3.

H. Mal. V. 6.

f. 54. p. 95.

Flor. Mal. p.

145. 1.

S. B. 161. 2.

Alm. Bot.

196. 7.

162.

Mus. Petiv. 259.

S. B. 18.

S. B. 162.

Afr. Ph. p.

586. 182

Jasminum Eremitanum polypetalon, *Pervince* folio.

an *Jasminum Indicum* flor. polypetalo candido, oris rufescentibus Ray H. Pl. 1602. 10. an *Jasminum Indicum* angustifolium fructu gemino El. Bot. 470. Inst. R. H. 598. 1. an *Catu Pitsjegam* mulla *Malab.* Nara Sai *Bram.* *Jasmin* do mato *Lusit.* Wilde *Jasmin-Belg.* H. Malab. V. 6. Tab. 53. p. 93. Flor. Malab. p. 144. 3.

The other I find under the *Malabar* name of *Coolle-woola-becca*, *Jasminum Eremitanum* polypetalon *Myrti* fol. acuto.

an *Jasminum Indicum* flore polypetalo candidissimo, fructu majore Ray H. Pl. 1602. 11. an *Jasminum Indicum* latifolium monococcon El. Bot. 471. Inst. R. H. 598. 3. an *Katu Tsiiregam* mulla *Malab.* Saio *Bram.* *Mogara da ferra Lusit.* Berg *Mogari Belg.* H. Mal. V. 6. F. 54. p. 95. Flor. Malab. p. 145. 1.

If Dr *Plukenet* be not fond of pretending to more Plants than he can shew, he can easily clear these doubts, having in his *Almag. Bot.* p. 195, 6, 7. this and the last supposed ones, with most of the other *Jasmins* in the *Hort. Malab.*

162. Surnavul *Malab.*

Laurus tinus Madraspat. trifoliatus *Mus. Petiv.* 259. & S. B. 18. Afr. Phil. N. 264. p. 586. 18.

Is about 6 or 8 foot high, and thick as ones *Arm.* A Decoction of the *Root* and *Bark* of this cures *Pocky Rheumatick* pains, it also dissolves *Nodes*, &c. S. B.

With the same *Account*, and under the same *Name*, I have also received it from Mr *Edward Bulkley* at *Fort St George*, and is the same with S. B. 18. this being in *Fruit* and that in *Flower*.

163. *Alaternus Eremitana* Ilcis folio.

The *Label* to this is lost. But Mr *Edward Bulkley* hath lately sent

163.

S. B. 163.

sent it me under the *Malabar* name of *Veera Maraum*, who gathered it in the month of *April* in *Berry*.

164. *Paring chekka Malab.*

164¹

Senecio Madraspatana Rapi folio, floribus maximis, cujus radix a nonnullis China dicitur *Muf. Petiv. 680.*

This we call here *China-root*, but is very different from what * you described with prickles. This cured one Mr *Ingram* of a *Consumption*, who had linger'd many years, at the *New Fort*. 'Tis 2 foot high : The *Root* juft like *China-root* : When I have more *Experience* of it you fhall hear farther. S. B.

Mr Petiver.

S. B. 164.

165. *Todallee Malab.*

Lycium Eremitanum Buxi foliis obtusis.

165.

Is 6 or 8 foot high, thick as ones *wrist*. A Spoonful or 2 of the Decoction of the *Root* and *Bark* given to Infants cures the *Itch* and *Scab*, and what we call the *Carpaung* : the *Fruit* is pleasant and eatable. S. B. This differs from S. B. 62. in having thinner obtuse Leaves, and grow not exactly oppofite. Thefe Berries come from the bosome of the Leaves, the other at the ends or divisions of the branches only.

S. B. 62.

S. B. 165.

166. *Marloo-mattee Malab.*

166:

Is a foot or 1 $\frac{1}{2}$ high: The *Natives* use it to procure *Love*, and mixing it with other things, make a sort of *Philter* : but I do not believe it has any fuch power. It has when fresh a pleasing fmell, and stops *Fluxes*. S. B.

S. B. 166.

This, as I have already hinted (in my *Herb. Unaneerc.* in the *Philosoph. Transact.* No 224. p. 318. 11.) seems nothing different from our *Xanthium*, or *Lesser Burdock*.

H. Un. 11.
Ag. Phil. No.
224. p. 318. 11.

167. *Chedde meel cheddee Malab.*

167.

Kanni-Viscum Eremitanum floribus spicatis.

Is a sort of *Polypodium* : 'twas gathered from a small thorny Tree, bearing a small red *Fruit*, which is sweet and eatable. The *Natives* say, if every morning any person takes half a *Pagoda*, that is, 36. of the powder of it, 'twill prevent all distempers, and prolong youth : Taken night and morning cures *Leprosies*, it purges gently. S. B.

H. Mal. V. 10.
F. 4. p. 7.

an *Belutta itti Canni Hort. Malab.* V. 10. p. 7. Tab. 4. sub nomine *Valli itti Canni*.

S. B. 167.

168. *Va fumbeco Malab.*

Calamus Aromaticus Orientalis folio & radice tenuiore.

168.

Acorus verus five Calamus aromaticus Asiaticus radice tenuiore. *H. Lugd. Bat.* 9. *Calamus Aromaticus Garz.* l. 1. c. 22.

L 11111

Va

Garz. l. i. c. 22. Va embu *Malab.* Bembi *Bram.* H. Malab. V. xi. F. 48. p. 99. Va.
H. Mal. V. xi. zabu & Vazambo *Zeyl.*
Tab. 48. p. 99.

This is our *Calamus Aromaticus*: The *Natives* here use it for many Distempers, it helps Digestion, stops Vomiting and Looseness, procures Womens purgations, is Diuretick, &c. S. B.

S. B. 163.

169.

169. Carutree *Malab.*

Prunifera Tercucheana folio *Vitis*, subtus lanoso.

Is 6 or 8 foot high, and thick as ones arm: This I gathered on a Mountain 20 mile from *Madras*, call'd *Tercucheanum*, on which is a *Pagoda*, the *Bramins* of which have taught 2 strange White Birds to come every day at noon to eat, which having done, they wash in Water in the cliff of the *Rock*, and so fly away again; by this Artifice they get much Money, making the superstitious believe their *Fables*, &c.

S. B. 169.

A Decoction of the Root, Bark and Fruit, cures Gripes, Fluxes and Gonorrhea. The Leaves of no use. S. B.

170.

170. Cacioncheddee *Malab.*

Mus. Petiv. 38. *Baccifera Madraspat.* Visci arborei foliis latioribus *Mus. Petiv.* 38. & S. B. 59. an *Kanelli itti Canni Malab.* *Davim-pala Bram.* H. Mal. V. 10. F. 5 p. 9. which if the same, it's said to grow in Rocky places on a Tree call'd *Kasjam* or *Kanelli*.

S. B. 59.

H. Mal. V. 10.

Tab. 5. p. 9.

S. B. 171.

The Leaves help to make a red dye or colour, the Root boyld is good for a Cough; the Flowers are of a pure blue, almost purple; it's as thick as one's arm, and grows 6 or 7 foot high. S. B.

172.

172. Ea-cheddee *Malab.*

Waga Eremitana spinosa, *Mimosæ foliis subtus incanis*.

A sort of *Bramble*, which if it gets into any place spreads much, and is hard to be rooted out; the *Natives* moisten these Leaves with Water and press out the Juice; which because 'tis very bitter, they mix some Sugar with it, and give it for pains in the Back, which it seldom fails to cure: The Flower is fragrant when fresh. S. B.

S. B. 171.

173.

173. Cammala *Malab.*

Lycium Eremitanum spinis foliaceis *Sesami* flore.

Grows 5 or 6 foot high, and almost as thick as ones wrist. The Root of this, and Bark beaten with Rice and eaten, cures pains in the Back and Rheumatism. S. B.

S. B. 173.

174.

174. Caunum pulee *Malab.*

Perexil Eremitan. *Parietariæ* folio, paniculis speciosis.

This trails on the ground, but here is another Species, called *Pula*.

Pula-cheddee, which rises a foot or 2 high, a Decoction of both which and *Borax* cures stoppage of Urine. S. B.

S. B. 174.

175. *Aradanapalle Malab.* H. Unaneerc. 29. *Aët. P. N.* 244.
Aristolochia Unaneeroondaca, vulgaris facie.

175.

H. Un. 29.

How much this differs from our kinds I cannot yet distinguish. It's a *Species* of the *Stringy* rooted.

S. B. 175.

Aët. P. N. 244.

P. 327. 29. 1.

The *Natives* grind the whole Plant, and apply it to the Belly to expel *Worms*; other use they know not: the *Moors* give it their *Horses* to eat to fatten them, which I have seen; but the *Malabars* think it to be Poyson, because the *Goats* eat it not. S. B.

S. B. 175.

176. *Poonaree Pillée Malab.*

Cyperi facie Eremitana planta, foliis pubescentibus capitulis squarrosis. Is not used in *Physick*. S. B.

176.

177. *Naiwallée Malab.*

177.

Sinapistrum Eremitanum pentaphyllum minus hirsutum.

The Decoction expels *Wind*, the Juice cures pains in the *Ears*; 'tis said by the *Natives* to be very hot. S. B.

S. B. 177.

178. *Suree-cheddee Malab.*

178.

Toddali spinosus Madraspat. medio nervo ex altera parte folii percurrente *Mus. Petiver.* 689.

Mus. Petiver.

689.

A low prickley Plant about 2 foot high; the *Berries* of this the *Crows* do not eat, therefore the *Natives* think them Poyson, but the powder of the whole Plant (them excepted) they give for *Apoplexies*, *Palsy*, *Epilepsie* and *Convulsion*, which cures to a Miracle. S. B.

S. B. 179.

179. *Waapa maraum. Malab.*

179.

Azedarach Malabarica Fraxini tenuiore folio.

Azadirachta Indica foliis *Fraxini* five non ramosis majoribus

flore minore albo *Breyn.* pr. 2. p. 21. 3. *Arbor Azadirachta Indica* *Breyn.* pr. 2.

foliis *Fraxini* five non ramosis flore minore *Breyn.* pr. 1. p. 3. 5. *Breyn.* pr. 1.

Arbor Indica Fraxino similis, *Olea* fructu *CB.* 416. 5. *Nimbo* *A.* p. 3. 5.

costa 281. *Garz.* 226. *Clus.* Exot. 226. cap. 2. & p. 282. c. 39. *CB.* 416. 4.

Park. 1651. c. 133. *Fig.* opt. *Lugd.* 1867. c. 103. *Fig.* *Durant* 310. *Acost.* 281.

Fig. *Fragos.* 37. c. 7. *Nimbo* folio & fructu *Olea* *IB.* 1. 6. c. 8. p. *Garz.* 226.

27. *Fig.* 18. *prodr.* p. 19. 15. *Chabr.* 49. *Fig.* 3. *Olea Malabarica* *Garz.* 281. 39.

Fraxineo folio Maderaspatan Pluk. Tab. 247. *Fig.* 1. *Olea Malaba-* *Park.* 1651.

rica Nimbo dicta fructu racemosa oblongo *Raii* H. Pl. 1545. 4. c. 133.

Aria Be-pou Malab. *Nimbo* *Bram.* *Amargoseira Lusit.* Gal. bef. *Lugd.* 1867.

fen Belg. H. *Malab.* V. 4. Tab. 52. p. 107. *Flor.* *Malab.* p. 10. 6. c. 103.

This is *Nimbo*, but there is another wild sort call'd *Malle-Wam* *Fragos.* c. 7.

boo S. B. N. 26. this is a large Tree, about 35, and sometimes 40 foot

L11111 2'

foot *IB.* 1. 6. c. 8.

I B. pr. 19 15. foot high, and about a foot and $\frac{1}{2}$ diameter; the Oyl of the Seeds cures a Distemper very incident to lying in Women, here by the
p. 27, Fig. Natives called *Janney*, which proceeds from taking cold, as they
Chabr. 49. say, and is very dangerous; a Decoction of the Bark drank cures
Fig. 3. Frenzy and Madnefs: The Powder or Decoction of the Root of
Pluk. Tab. this Tree, when 50 years old, or at its full growth, cures the Le-
247. f. 1. proffy. The tender Sprigs, which here they call *Ecla's* (and is a
Ray H. Pl. common name for other straight Straw-like things of which they
1545. 4. make *Brooms*) stript of its Leaves cures Infants almost choak'd with
H. Mal. V. 4. Phlegm, they also strengthen the Stomach, stop Vomiting, correct
T. 52. p. 107. Choler, and keep the Body laxative; the Juice of the Leaves
Fl. Mal. p. 40. cures Worms in young or old; to correct its great Bitterness it may
6. be mixt with Sugar: The Natives put 2 or 3 drops of the afore-
S. B. 26. said Oyl up the Nose, which causes very much Slime and Filth to
 be voided, and cures old pains of the Head and Astma: The
 Leaves ground with a little Turmerick and Salt cures all sorts of
 Ulcers, Aches, Strains or Bruises: The Bark, ground with the
 Juice of its own Leaves and a little Lime-juice, infallibly cures all
 sorts of Itch or Ring-worms, by anointing outwardly, and taking
 some of the Root and Bark inwardly: This Tree is good for many
 other things, and is indeed held by the Natives for a general Pa-
 nacea.

Of this the Natives in all count 4 sorts. 1. This which they
 Cultivate in Gardens, and is a large Tree. 2. *Mallee-wambo*,
 which is a lesser wild kind, as aforesaid. S. B. 26. 3. *Carream-
 pelle*, which is less than either of the 2 former, Leav'd like them,
 only these are not jagged on the edges. 4. *Nalee-Weambo*, which
 is very little, not above 2 $\frac{1}{2}$ foot high, but is the bitterest of all;
 this is of great use with the Natives, and is Cordial, comforts the
 Stomach, stops Vomitings, Looseness, &c. this has a bitter smell,
 and I doubt it may at least be a species of the *Calamus Aromaticus
 Syriacus*, of which more, with the bitter Reeds, mark'd N. 67.
 this resembles the former in nothing but its Bitterness, for which
 only the Natives count it a species of it.

Note, that the many alterations which the Malabars have for
 the names of Plants, is apt to make confusion; which, tho I avoid
 with all possible care, yet at N. 26. this *Waapa-Maraum* is there
 styl'd *Nella Wampulle*; and this is, I believe, the chief error I
 have made of this kind. S. B.